

Anne Hunter
District Fisheries Biologist
3902 Roxbury Road
Roxbury, VT 05669
802.485.7566 anne.hunter@anr.state.vt.us

Education

Virginia Polytechnic Institute and State University, Blacksburg, VA.

MS in Fisheries Science, January 2003.

Vanderbilt University, Nashville, TN.

BS in Biology, May 1999.

Professional Experience

District Fish Biologist, Vermont Department of Fish and Wildlife, Roxbury, VT. Nov 2003-Current. Perform district fish management responsibilities and regulatory review. Provide technical assistance in fisheries resource protection. Supervise one permanent fisheries technician.

Graduate Research Assistant, Virginia Tech, Blacksburg, VA. Aug 2000-Jan 2003. Member of a research team assessing brown trout and nongame fishes. Performed a study of longitudinal patterns in community structure for stream fishes in a Virginia tailwater. Performed fieldwork in a hydropeaking system. Statistically analyzed large data sets. Wrote quarterly and annual reports. Supervised and trained technicians and volunteers.

School for Field Studies Intern, Center for Coastal Rainforest and Fisheries Studies, Bamfield, British Columbia. Jan-Aug 2000. Participated in administration of experiential education program in remote country that focused on logging and fishery management on Vancouver Island. Organized field trips and equipment. Participated in community outreach with First Nations tribe. Led hiking, birding, intertidal, boating day trips.

Biological Technician, US Fish and Wildlife Service, Roosevelt, UT. May-August 1999. Worked extensively on Ute and Goshute Indian reservations. Manned raft with three volunteers down Yampa River for catfish removal project. Performed independent bat survey, creel surveys, and small mammal trapping projects. Participated in gill-netting and stocking of reservoirs. Gave fishing lessons to Goshute children. Wrote activity reports. Drove 4WD.

Student Conservation Association Volunteer, US Fish and Wildlife Service, King Salmon, AK. May-August 1998. Worked with small crew in remote area for extended time periods. Performed hook-and-line sampling for arctic grayling and rainbow trout in two ongoing projects. Maintained a weir dam during the king salmon run. Received formal field training and certification: medic first aid, motorboat operation, bear safety, firearms safety, and aircraft safety.

Fish Technician, Great Smoky Mountain National Park, Gatlinburg, TN. May-July 1997. Applied electrofishing protocols for population surveys of fish. Worked extensively in backcountry. Participated in ongoing brook trout restoration project. Compared historical fish distributions with contemporary distributions.

Staff Coordinator and Leader, Vanderbilt Outdoor Recreation Program, 1996-1999. Led fly-fishing, spelunking, backpacking, hiking, and canoeing trips for diverse groups of people.

Lab Assistant, Desert Ecology Research Lab, 1998. Identified herbivorous insects gathered in Baja, California. Collected pit-fall traps of insects at study site. Performed lizard surveys, spider surveys, and black-lighting surveys for scorpions. Worked with Earthwatch participants.

Professional Service

Team Participant, Vermont Department of Fish and Wildlife, Current. Active member of Stream Habitat Alteration, Trout, Bass, District Stewardship Lands Teams.

President, Virginia Tech American Fisheries Society, 2001-2002. Chaired executive committee. Coordinated and led eight chapter meetings. Represented chapter at national and local levels. Worked extensively with chapter committee chairs. Prepared reports for Parent Society and Southern Division of the American Fisheries Society. Hosted invited speakers. Participated on Outreach, Mudbass Classic Tournament, Education, Stream Concerns, and

Environmental Concerns Committees. Virginia Tech given best chapter award out of 15 chapters by Southern Division for efforts in 2001-2002.

AFS Annual Meeting Student Affairs, August 2002. Organized student social and job fair.

President, College of Natural Resources Council. 2001-2002. Appointed by the Dean of the College of Natural Resources to run monthly meetings with presidents of all curriculum clubs in college.

Fundraising Committee Chair, VTAFS 2000-2001. Organized a silent auction at Southern Division Midyear meeting, earning \$1500. Organized a Pizza Hut Fundraiser for graduate student's medical fund. Sold t-shirts.

Honors and Awards

Merit Award for Service, Vermont Department of Fish and Wildlife, Summer 2004. Received recognition for helping organize the Free Fishing Day Event at the Grand Isle Culture Station on June 12, 2004.

Richard Hunter Cross, Jr. Graduate Scholarship, October 2002. Received \$1000 scholarship from the Department of Fisheries and Wildlife Sciences at Virginia Tech based on merit.

Student Writing Contest 2nd Place Winner, Annual AFS Meeting 2002. Recognized for an essay written for the general public on the value of my fisheries research.

Outstanding Member of the Year Award, 2000-2001. Elected by the membership of the Virginia Tech Chapter of the American Fisheries Society. Presented at the College of Natural Resources Honors Banquet.

Skinner Award Recipient, Annual AFS Meeting 2002. Selection based on academic qualifications, services, and professional promise. Travel grant \$500.

Outreach and Teaching Experience

Outreach Team Chair, Vermont Department of Fish and Wildlife, Current. Organize meetings. Draft agendas and minutes. Developing Department fact sheets. Developing wild trout poster. Initiated web review protocol.

4H Day Participant, Blacksburg, VA. April 2002. Taught multiple sessions on fly-fishing to 4th-12th grades focusing on skills and strategy behind the presentation of a fly.

Teaching Assistant for Introduction to Renewable Natural Resources, Virginia Tech, Jan-March 2002. Helped lead recitation sections and field trips with instructor.

Professional Resume and Curriculum Vitae Workshop, Virginia Tech, February 2002. Taught basics of good resume writing for undergraduate students in fisheries and wildlife science.

Kentland Farm and Family Showcase Participant, Blacksburg, VA. Sept 2001. Taught 397 4th graders about freshwater fish diversity in Virginia and how land use can affect diversity.

River School Instructor, Bassett, VA. June 2001. Taught 7th/8th graders about fish diversity in the Smith River.

4H Day Participant, Blacksburg, VA. April 2001. Assisted with tree identification teaching session.

Salmon in the Pacific Northwest Seminar Leader, Bamfield, British Columbia. Spring and summer courses 2000. Lectured on the multi-faceted issues facing pacific salmon management.

Teacher, Florence City School System, Florence, AL. Sept-Dec 1999. Substituted in primary and secondary education. Taught 11th/12th Earth Science classes for 2 months. Created curriculum and test material.

Invited Presentations

Hunter, A.K., M.A. Anderson, C.W. Krause, D.J. Orth, T.J. Newcomb. February 2003. Hydropeaking flow regime: a determining factor on brown trout and nongame abundance. Annual Meeting of the Southern Division American Fisheries Society, Wilmington, NC.

Hunter, A.K., C.A. Dolloff, and D.J. Orth. August 2002. Longitudinal patterns of community structure for stream fishes in a Virginia tailwater. American Fisheries Society Annual Meeting. Baltimore, MD.

Hunter, A.K., C.A. Dolloff, and D.J. Orth. February 2002. Longitudinal patterns of community structure for stream fishes in a Virginia tailwater. Annual Meeting of the Southern Division American Fisheries Society, Little Rock, AR.

Orth, D.J., **A.K. Hunter**, C.W. Krause, T. Smith. November 2001. The Smith River: warmwater fish communities in a coldwater system. Martinsville Naturalist Club, Martinsville, VA.

Anderson, M.R., **A.K. Hunter**, C.W. Krause. Longitudinal patterns in the Smith River, Virginia. Fall 2001. Martinsville Trout Unlimited Chapter. Martinsville, VA.

Anderson, M.R., **A.K. Hunter**, D.C. Novinger. Longitudinal patterns in the Smith River, Virginia. Spring 2001. Roanoke Trout Unlimited Chapter. Roanoke, VA.

Posters

Boyles, J., **A.K. Hunter**, J. Kilpatrick, T. Lenger, J. Roberts. February 2002. History of the Virginia Tech Chapter of the American Fisheries Society, Annual Meeting of the Southern Division American Fisheries, Little Rock, AR.

M.R. Anderson, C.A. Dolloff, **A.K. Hunter**, T.J. Newcomb, D.C. Novinger, D.J. Orth. February 2001. Longitudinal patterns in the Smith River, Virginia, Tailwater Fishery. Annual Meeting of the Southern Division American Fisheries Society, Jacksonville, FL.

Publications

Hunter, A.K. February 2003. Fishing for trout, but what about those rough fish? The complex nature of managing a tailwater. *Fisheries* 28(2): 29.

Hunter, A.K. Jan 2003. Longitudinal patterns of community structure for stream fishes in a Virginia tailwater. Master's Thesis, Virginia Tech.

Orth, D.J., C.A. Dolloff, T.J. Newcomb, P. Diplas, M.R. Anderson, **A.K. Hunter**, C.W. Krause, Y. Shen. 2002. Influences of fluctuating releases on stream habitats for brown trout in the Smith River below Philpott Dam. Annual Report, Virginia Department of Game and Inland Fisheries.

Orth, D.J., C.A. Dolloff, T.J. Newcomb, P. Diplas, D.C. Novinger, M.R. Anderson, **A.K. Hunter**, C.W. Krause, T. Smith, Y. Shen. 2001. Influences of fluctuating releases on stream habitats for brown trout in the Smith River below Philpott Dam. Annual Report, Virginia Department of Game and Inland Fisheries.

Other interests

Fly-fishing, backpacking, camping, knitting, cooking, reading

Certifications and Workshops

- US Fish and Wildlife, NCTC genetics course (summer 2004)
- Wilderness First Aid, 40 hour course certifying me from 2001-2003 in managing medical issues in remote locations
- First Aid/CPR (2003-2004)
- Conflict Resolution Workshop, Southern Division AFS meeting (February 2003)